

AMENDMENTS TO THE SPECIFICATION:

A substitute Abstract of the Disclosure is accompanied on a separate sheet in the Appendix.

Page 1, replace the paragraph beginning on line 3 with the following amended paragraph:

--~~This~~ This invention concerns twist drills, router bits and like components which are normally held in three jaw chucks.--

Page 3, delete the paragraph beginning on line 3 with the words "Preferably, the shank includes" and ending on line 5 with the words "to complete a drilling task".

Page 4, replace the paragraph beginning on line 10 with the following amended paragraph:

--Preferably, the rotary bit is a coded one of a coded set of safety bits, the code of each bit in the set being according to the shear torque rating and risk factor associated with the type of drilling activity being undertaken.[[.]] The shank typically has three, six, nine or twelve flats arranged on the insert end of the shank in order to present a surface with is parallel to each jaw of the three jaw chuck.--

Page 6, replace the paragraph beginning on line 18 and bridging pages 6 and 7 with the following amended paragraph:

--Figure 5 shows the preferred torque settings for different applications, the shaded region from 15 ft lb torque to 20 ft lb torque is typical for a domestic hand drill whereas the 25 ft lb torque to 30 ft lb torque is preferred for larger

industrial drills in industrial applications. The "jobber" bit is a lower quality steel than the HSS which refers to "high speed steel" rated bits. Consequently for most applications the wasted section will be between 5 mm and 7mm. Having said this it is preferred that drill bits be colour coded in sets and a recommended coded drill bits for different applications so that the operator may know the safest drill bit for the particular application. For example, it may be desirable to select a lower shear width for situations where the operator is involved with overhead drilling as opposed to a more stable drilling position where the risk factor associated with a drill being jammed is less due to greater control of the drill in less awkward situations. Applicant recommends a safety rating of 20%-30% lower shear torque for overhead drilling than for horizontal applications. Thus for overhead applications in an industrial drill the code would be at the lower end of graph Figure 5.--